

Mineral Industry Surveys

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GYPSUM IN JUNE 2006

Producers mined 1.69 million metric tons (Mt) of gypsum in June 2006 (table 1). Output was 3% more than that of May 2006 and 4% more than that of June 2005. Synthetic gypsum production was 700,000 metric tons (t) in June 2006 (table 1), which was 13% more than that of May 2006, and 13% less than that of June 2005. Both mined and synthetic gypsum are used as raw material for wallboard. The wallboard industry is the largest domestic consumer of gypsum. During January through May 2006 synthetic gypsum accounted for 3.81 Mt, or about 23%, of the 16.7-Mt supply of gypsum in the United States. Sales of uncalcined gypsum, mainly for portland cement manufacture and for agricultural uses, were 632,000 t (table 2), 17% more than those of May 2006 and 7% less than those of June 2005.

Output of calcined gypsum for June 2006 (table 1) was 2.2 Mt, slightly less than that of May 2006 and 4% more than that of June 2005. Sales of board products were about 3.3 billion square feet (308 million square meters), 2% more than those of May 2006 and 2% more than those of June 2005.

U.S. Government import and export data for June 2006 were not available at the time of publication. According to the U.S. Census Bureau, imports of crude gypsum in May 2006 were 1.08 t (table 3), 3% less than those of April 2006 and 9% more than those of May 2005. Gypsum wallboard imports for May 2006 were 89,000 t, equivalent to 107 million square feet (9.9 million square meters). These imports were slightly more than those of April 2006 and 59% more than those of May 2005. Canada accounted for 52% of wallboard imports, followed by Mexico with 29%, China with 18%, Israel with 1%, and Germany with less than 1%. Wallboard exports to 35 countries and territories in May 2006 were 7,500 t, equivalent to 9.0 million square feet (835,000 square meters). These exports were 15% more than those of April 2006 and 7% more than those of May 2005.

All percentages in this report were computed based on unrounded data.

TABLE 1
GYPSUM SUPPLY^{1, 2}

(Metric tons)

	2006			2005
	June	May	January-June	January-June
Crude:				
Mined ³	1,690,000	1,640,000	9,590,000	8,790,000
Imported ⁴	NA	1,080,000	NA	5,360,000
Synthetic gypsum ⁵	700,000	618,000	4,510,000	4,490,000
Total supply	NA	3,330,000	NA	18,600,000
Crude, exported ⁴	NA	10,500	NA	89,500
Consumption	NA	3,320,000	NA	18,600,000
Calcined:				
Produced	2,200,000	2,230,000	12,900,000	11,900,000
Imported ⁶	NA	617	NA	2,120
Total supply	NA	2,230,000	NA	11,900,000
Exported ⁶	NA	29,300	NA	90,000
Consumption	NA	2,200,000	NA	11,800,000

NA Not available.

¹Includes data from the Gypsum Association.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Some data were estimated from semiannual reports.

⁴Import and export data are for "Gypsum; anhydrite," Harmonized Tariff Schedule 2520.10.0000.

⁵Reported production only.

⁶Import and export data are for "Plaster," Harmonized Tariff Schedule 2520.20.0000.

TABLE 2
GYPSUM SOLD OR USED BY PRODUCERS, BY USE^{1, 2}

(Metric tons, unless otherwise specified)

	2006			2005
	June	May	January-June	January-June
Uncalcined: ³				
Portland cement	418,000	332,000	1,850,000	1,850,000
Agriculture and miscellaneous	214,000	211,000	1,210,000	1,310,000
Total	632,000	542,000	3,050,000	3,160,000
Calcined:				
Board products ⁴	2,770,000	2,710,000	15,900,000	14,800,000
Plaster	12,000	12,900	76,400	81,900
Total	2,780,000	2,730,000	15,900,000	14,900,000
Board products: (thousand square feet) ⁵				
Regular board	1,990,000	1,960,000	11,600,000	10,900,000
Type X board	1,040,000	1,000,000	5,720,000	5,240,000
Other	296,000	292,000	1,710,000	1,610,000
Total supply	3,320,000	3,260,000	19,000,000	17,800,000

¹Includes data from the Gypsum Association.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Does not include synthetic gypsum from electric power plants.

⁴Includes weight of paper and other materials.

⁵One square meter equals 10.78 square feet.

TABLE 3
CRUDE GYPSUM IMPORTED FOR CONSUMPTION¹

(Metric tons)

Country of origin	2006			2005
	May	April	January-May	January-May
Austria	--	18	27	--
Bahrain	--	--	--	7
Brazil	--	--	1	--
Canada	764,000	643,000	3,160,000	2,980,000
China	9,390	8,530	22,900	16
Dominica	--	--	--	2
Dominican Republic	--	15,800	31,600	65,700
France	--	14	983	17
Germany	160	5,350	14,100	60
India	--	1	1	--
Jamaica	--	--	--	21,600
Korea, Republic of	--	--	5	--
Mexico	274,000	291,000	1,420,000	990,000
Peru	--	--	--	80
Spain	33,000	151,000	439,000	329,000
Sweden	--	--	20	40
United Kingdom	23	--	40	--
Total	1,080,000	1,110,000	5,090,000	4,390,000

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

Source: U.S. Census Bureau.

TABLE 4
CRUDE GYPSUM IN THE UNITED STATES^{1,2}

(Thousand metric tons)

Period	Consumption ³	Production ⁴	Imports ⁵	Exports ⁵
2005:				
May	2,800	1,820	994	11
June	2,580	1,620	972	10
July	2,500	1,590	923	9
August	2,550	1,630	926	12
September	2,890	1,680	1,230	18
October	2,550	1,720	848	14
November	2,400	1,550	863	17
December	2,840	1,820	1,040	14
January-December	30,200	19,200	11,200	189
2006:				
January	2,580	1,590	997	14
February	2,410	1,490	928	12
March	2,600	1,640	970	14
April	2,650	1,540	1,120	8
May	2,710	1,640	1,080	10
June	NA	1,690	NA	NA

NA Not available.

¹Excludes synthetic gypsum.

²Data are rounded to no more than three significant digits.

³Consumption calculated by adding the production and imports shown in this table and subtracting the exports shown in this table. Monthly inventory changes are not included.

⁴Production data are from the semiannual gypsum canvasses of the non-wallboard producers, annual canvass of all producers, and from monthly data furnished by the Gypsum Association from the wallboard producers.

⁵Data from U.S. Census Bureau.

TABLE 5
SALES OF GYPSUM BOARD PRODUCTS, BY SALES REGIONS^{1,2}

(Thousand square feet)³

	New England	Middle Atlantic	E. North Central	W. North Central	South Atlantic	E. South Central	W. South Central	Mountain	Pacific	Exports	Total
2006:											
June:											
Veneer base	23,700	1,940	7,070	649	9,020	68	41	438	1,450	--	44,300
Sheathing	1,640	5,900	8,060	6,040	19,700	3,260	12,600	9,160	11,400	1,720	78,500
Regular gypsum board	40,000	147,000	202,000	110,000	587,000	156,000	287,000	204,000	214,000	39,600	1,990,000
Type X gypsum board	33,700	105,000	133,000	71,000	187,000	40,200	111,000	140,000	207,000	9,660	1,040,000
Predecorated board	381	727	856	565	1,500	486	1,200	359	818	40	6,930
5/16 Mobile home board	--	1,290	2,350	--	8,620	11,700	6,140	76	288	39	30,500
Water/moisture resistant board	5,730	24,000	14,900	5,780	32,700	6,210	13,300	11,800	17,300	4,360	136,000
Total	102,000	286,000	368,000	194,000	845,000	218,000	432,000	365,000	453,000	55,400	3,320,000
January- June:											
Veneer base	145,000	13,700	43,300	3,940	53,100	168	117	2,180	9,190	248	271,000
Sheathing	9,010	29,100	35,000	32,600	107,000	18,900	64,100	44,800	57,700	10,000	409,000
Regular gypsum board	250,000	880,000	1,290,000	680,000	3,410,000	866,000	1,590,000	1,210,000	1,220,000	221,000	11,600,000
Type X gypsum board	179,000	561,000	756,000	419,000	990,000	223,000	622,000	762,000	1,160,000	49,200	5,720,000
Predecorated board	1,760	4,690	5,500	3,030	7,950	2,510	6,240	2,330	3,880	317	38,200
5/16 Mobile home board	--	4,370	16,500	--	55,900	76,700	35,500	641	2,410	78	192,000
Water/moisture resistant board	32,700	134,000	91,500	39,700	188,000	36,400	78,800	69,000	99,600	27,000	797,000
Total	617,000	1,630,000	2,240,000	1,180,000	4,810,000	1,220,000	2,400,000	2,090,000	2,550,000	308,000	19,000,000

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Sales region equivalent to U.S. Census Bureau Geographic Division as follows: New England (CT, MA, ME, NH, RI, VT); Middle Atlantic (NJ, NY, PA); East North Central (IL, IN, MI, OH, WI); West North Central (IA, KS, MN, MO, NE, ND, SD); South Atlantic (DC, DE, FL, GA, MD, NC, SC, VA, WV); East South Central (AL, KY, MS, TN); West South Central (AR, LA, OK, TX); Mountain (AZ, CO, ID, MT, NM, NV, UT, WY); Pacific (AK, CA, HI, OR, WA).

³One square meter equals 10.78 square feet.

Source: Gypsum Association.